

## REMARKS

Claims 1-18, 22-37, 39-44, and 52-78 are presented for consideration. Claims 5-10, 16, 17, 22, 27, 28, 33, 37, 52, 60, 64, 66, 74, and 76-78 are currently amended. Claims 19-21, 38, 45-51, 79-104 were previously canceled.

Claims 5-10 are amended to correct a clerical oversight. Claims 5-10 depend from claim 1, which claims, "A temperature compensation circuit". However, claims 5-10 mistakenly made reference to, "The temperature dependent signal generator of claim 1". In order to maintain a proper antecedent basis with claim, claims 5-10 are amended to recite "The temperature compensation circuit of claim 1

Claim 16 is amended to correct a typographic error. Specifically, claim 16 is amended to change "summation node" to "summing node" in order to maintain a proper antecedent basis with its base claim 1.

Claim 17 is amended to correct a typographic error. Specifically, claim 17 is amended to change "compensation" to "compensated" in order to maintain a proper antecedent basis with claim 16

Claim 22 is amended to correct a typographic error. A misplaced period "." is changed to a semi-colon ";".

Claim 27 is amended to correct a clerical error. Specially, the term "summation output node" is changed to "summing node" in order to maintain a proper antecedent basis with claim 22.

Claim 28 is amended to correct a typographical error. Specifically, the misspelled word "amplifer" is corrected to "amplifier".

Claim 33 is amended to correct a typographic error. Specially, the misspelled word "then" in the phrase "not less then" is correct to "than".

Claim 37 is amended to correct a typographic error. Specifically, the word "to" is added to the phrase, "coupled to"

Claims 52, 66, and 76 are amended to correct a typographic error. The word "resultant" is corrected to the word "result".

Claim 60 is amended to correct a clerical error. Claim 60 depends from claim 57, which recites a dependent current source that produces a weighted current dependent upon "said third lead". Yet, claim 60 depends from claim 57 and recites that the dependent current source includes a transistor having a control input coupled to "said output lead". Claim 57 does not recite any "output lead". However, as it is known in the art, a transistor's current is controlled by (i.e. dependent upon) its control gate. Therefore, claim 60 is amended to change "said output lead" to "said third lead".

Claims 64 and 74 is amended to correct an grammatical error. Mistyped word "response" to the correct word "responsive".

In claim 77, mistyped word "compensation" is changed to "compensated" to maintain a proper antecedent basis with claim 76.

Claim 78 is amended to remove an extraneous word, "of".

Claims 5-10, 16, 17, 22, 27, 28, 33, 37, 52, 60, 64, 66, 74, and 76-78 have been amended as to matters of form. It is respectfully submitted that the proposed changes do not raise any new issues or require any further searching or consideration. Accordingly, entry of this amendment after allowance pursuant to 37 CFR §1.312 is respectfully requested.

Respectfully submitted,

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